

Application No. Unassigned  
Attorney's Docket No. 029430-507  
Page 3

**REMARKS**

By the present Preliminary Amendment, all multiple dependency has been eliminated from the original claims. It is to be understood that the revisions to the claims are solely for formalistic purposes and not with regard to patentability and that applicants reserve the right to pursue claims directed to other aspects of the invention encompassed by the original multiple dependent claims or described in the specification.

Entry of the instant Preliminary Amendment and favorable consideration on the merits are respectfully requested.

Should the Examiner have any questions concerning the subject application, the Examiner is invited to contact the undersigned attorney at the number provided below.

Respectfully submitted,

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Application No. Unassigned  
Attorney's Docket No. 029430-507  
Page 1

**Attachment to Preliminary Amendment dated March 29, 2002**

**Marked-up Claims 4-6, 8 and 10**

4. A catalyst as claimed in claim 2 [or 3] wherein the oxide is titanium dioxide.
5. A catalyst as claimed in claim 2 [any one of claims 2 to 4] wherein the sulfate is barium sulfate.
6. A catalyst as claimed in claim 1 [any one of claims 1 to 5] wherein the organic halide(s) is at least one of chlorodioxins and polychlorodioxins; polychlorobiphenyls; chloroalkanes and polychloroalkanes; chloroalkenes and polychloroalkenes; bromodioxins and polybromodioxins; polybromobiphenyls; bromoalkanes and polybromoalkanes; and bromoalkenes and polybromoalkenes.
8. A method of decomposing organic halide(s) in a gas characterized by contacting a gas containing an organic halide(s) with the catalyst described in claim 1 [any one of claims 1 to 5] to decompose the organic halide(s).
10. A method of decomposing as claimed in claim 8 [any one of claims 8 and 9] wherein the organic halide(s) is at least one of chlorodioxins and polychlorodioxins; polychlorobiphenyls; chloroalkanes and polychloroalkanes; chloroalkenes and polychloroalkenes; bromodioxins and polybromodioxins; polybromobiphenyls; bromoalkanes and polybromoalkanes; and bromoalkenes and polybromoalkenes.